

**A SYSTEM AND METHOD FOR IMPROVING  
THE EDGE QUALITY OF INKJET PRINTOUTS**

**ABSTRACT OF THE DISCLOSURE**

5           This present invention is embodied in a printing system for improving  
edge quality of ink drops produced by an inkjet printer. In general, the present  
invention can include an inkjet printhead assembly that incorporates a  
preprogrammed correction scheme for correcting systematic ink drop  
placement errors of the inkjet printhead. A general correction scheme can be  
10       developed for a class of inkjet printhead assemblies during manufacturing of  
the class of inkjet printhead assemblies. The correction scheme could include  
general corrections that cover general errors that exist for the entire class of  
inkjet printheads. Alternatively, individual correction schemes can be  
developed during manufacturing of each inkjet printhead assembly that covers  
15       specific errors that exists for each individual printhead.